

**SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2005 First Quarter**  
**PROJECTED PERIOD: 2007 First Quarter**  
**AREA: Economic Growth Region 11**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>215,540</b>	<b>217,100</b>	<b>1,560</b>	<b>1%</b>	<b>10,830</b>	<b>14,340</b>	<b>\$32,042</b>	<b>NA</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>10,180</b>	<b>10,310</b>	<b>130</b>	<b>1%</b>	<b>340</b>	<b>480</b>	<b>\$74,249</b>	<b>NA</b>
11-1000	Top Executives	3,120	3,120	10	0%	100	110	NA	NA
11-1011	Chief Executives	570	570	10	1%	20	30	\$115,697	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	2,480	2,480	0	0%	80	90	\$85,586	Work experience plus bachelor's or higher degree
11-1031	Legislators	70	70	0	-1%	0	0	\$22,075	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	660	680	20	3%	20	40	NA	NA
11-2011	Advertising and Promotions Managers	70	70	0	3%	0	0	\$55,273	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	170	170	10	4%	10	10	\$84,212	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	350	360	10	3%	10	20	\$89,058	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	80	80	0	5%	0	10	\$66,358	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	1,930	1,940	10	0%	60	80	NA	NA
11-3011	Administrative Services Managers	240	240	0	0%	10	10	\$56,820	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	320	330	10	3%	10	20	\$72,830	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	500	510	10	2%	10	20	\$81,828	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	230	230	0	0%	10	10	NA	NA
11-3051	Industrial Production Managers	400	400	0	-1%	10	10	\$67,611	Bachelor's degree
11-3061	Purchasing Managers	120	110	0	-3%	10	10	\$67,894	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	120	120	0	1%	0	10	\$76,813	Work experience in a related occupation
11-9000	Other Management Occupations	4,470	4,560	90	2%	160	250	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	140	140	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	380	380	10	2%	10	20	\$73,423	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	0	3%	0	10	\$36,021	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	280	290	10	4%	10	20	\$72,201	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	110	120	10	5%	10	10	\$60,959	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	280	280	0	1%	10	10	\$75,982	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	630	630	0	0%	20	20	\$32,150	Work experience in a related occupation
11-9061	Funeral Directors	110	110	0	0%	10	10	\$120,256	Associate degree
11-9071	Gaming Managers	30	30	0	11%	0	0	NA	Work experience plus bachelor's or higher degree
11-9081	Lodging Managers	40	40	0	-5%	0	0	\$42,116	Work experience in a related occupation
11-9111	Medical and Health Services Managers	490	510	20	5%	20	40	\$58,869	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	40	40	0	0%	0	0	\$94,073	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	0	0	\$47,948	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	210	210	0	0%	10	10	\$47,823	Bachelor's degree
11-9151	Social and Community Service Managers	170	180	10	6%	10	20	\$39,970	Bachelor's degree
11-9199	Managers, All Other	1,420	1,450	20	2%	50	70	\$68,233	Work experience in a related occupation
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>6,810</b>	<b>7,020</b>	<b>210</b>	<b>3%</b>	<b>230</b>	<b>440</b>	<b>\$47,314</b>	<b>NA</b>
13-1000	Business Operations Specialists	4,160	4,310	150	4%	140	290	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	70	80	0	5%	10	10	\$56,835	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	310	0	0%	20	20	\$44,371	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	380	380	0	-1%	20	20	\$42,933	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	180	180	0	2%	0	10	\$50,286	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	120	120	0	-1%	10	10	\$41,617	Long-term on-the-job training
13-1051	Cost Estimators	290	290	0	1%	10	20	\$47,910	Bachelor's degree

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13-1071	Employment, Recruitment, and Placement Specialists	200	200	10	4%	10	10	\$60,621	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	110	110	0	1%	0	0	\$43,500	Bachelor's degree
13-1073	Training and Development Specialists	350	360	10	4%	10	20	\$41,835	Bachelor's degree
13-1111	Management Analysts	400	430	30	7%	10	40	\$66,620	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	30	30	0	4%	0	0	\$42,676	Bachelor's degree
13-1199	Business Operations Specialists, All Other	1,720	1,820	90	5%	50	140	\$44,105	Bachelor's degree
13-2000	<i>Financial Specialists</i>	2,660	2,710	60	2%	90	150	NA	NA
13-2011	Accountants and Auditors	1,650	1,680	40	2%	60	90	\$50,022	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	60	70	0	2%	0	0	\$34,399	Postsecondary vocational training
13-2031	Budget Analysts	30	30	0	-3%	0	0	\$50,530	Bachelor's degree
13-2041	Credit Analysts	120	120	0	0%	0	0	\$59,494	Bachelor's degree
13-2051	Financial Analysts	110	110	0	3%	0	10	\$60,109	Bachelor's degree
13-2052	Personal Financial Advisors	120	120	10	5%	0	10	\$57,301	Bachelor's degree
13-2053	Insurance Underwriters	30	30	0	0%	0	0	\$80,500	Bachelor's degree
13-2072	Loan Officers	260	270	10	3%	10	20	\$48,813	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	40	0	0%	0	0	\$58,205	Bachelor's degree
13-2082	Tax Preparers	100	110	0	2%	0	10	\$31,726	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	100	100	0	3%	0	10	\$53,444	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>2,360</b>	<b>2,430</b>	<b>70</b>	<b>3%</b>	<b>60</b>	<b>140</b>	<b>\$50,576</b>	<b>NA</b>
15-1000	<i>Computer Specialists</i>	2,220	2,290	70	3%	50	120	NA	NA
15-1021	Computer Programmers	340	340	-10	-1%	20	20	\$52,044	Bachelor's degree
15-1031	Computer Software Engineers, Applications	200	210	10	6%	0	20	\$65,800	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	110	110	0	4%	0	10	\$70,684	Bachelor's degree
15-1041	Computer Support Specialists	560	570	10	2%	10	20	\$33,567	Associate degree
15-1051	Computer Systems Analysts	330	350	20	5%	10	20	\$56,732	Bachelor's degree
15-1061	Database Administrators	130	140	10	4%	0	10	\$49,373	Bachelor's degree
15-1071	Network and Computer Systems Administrators	320	330	10	4%	10	20	\$49,073	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	140	150	10	4%	0	10	\$60,959	Bachelor's degree
15-1099	Computer Specialists, All Other	80	90	0	5%	0	10	\$42,669	Postsecondary vocational training
15-2000	<i>Mathematical Scientists</i>	140	140	10	5%	10	20	NA	NA
15-2011	Actuaries	60	60	0	3%	10	10	NA	Work experience plus bachelor's or higher degree
15-2031	Operations Research Analysts	30	40	0	9%	0	0	\$61,498	Master's degree
15-2041	Statisticians	40	40	0	5%	0	0	NA	Master's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>3,430</b>	<b>3,400</b>	<b>-30</b>	<b>-1%</b>	<b>150</b>	<b>180</b>	<b>\$49,780</b>	<b>NA</b>
17-1000	<i>Architects, Surveyors, and Cartographers</i>	170	170	10	3%	10	10	NA	NA
17-1011	Architects, Except Landscape and Naval	90	90	0	5%	0	10	\$63,683	Bachelor's degree
17-1022	Surveyors	70	70	0	1%	10	10	\$32,801	Bachelor's degree
17-2000	<i>Engineers</i>	1,900	1,880	-20	-1%	80	100	NA	NA
17-2031	Biomedical Engineers	20	20	0	6%	0	0	NA	Bachelor's degree
17-2041	Chemical Engineers	50	50	0	-2%	0	0	\$67,778	Bachelor's degree
17-2051	Civil Engineers	250	260	0	2%	10	10	\$57,097	Bachelor's degree
17-2061	Computer Hardware Engineers	90	90	-10	-6%	0	0	NA	Bachelor's degree
17-2071	Electrical Engineers	160	160	0	-2%	10	10	\$59,368	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	60	60	0	-4%	0	0	\$65,983	Bachelor's degree
17-2081	Environmental Engineers	70	80	0	5%	0	10	\$67,820	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	60	70	0	2%	0	0	\$60,529	Bachelor's degree
17-2112	Industrial Engineers	490	490	10	1%	20	30	\$56,068	Bachelor's degree
17-2141	Mechanical Engineers	330	300	-30	-8%	20	20	\$61,345	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	40	40	0	-3%	0	0	\$63,406	NA
17-2199	Engineers, All Other	260	260	10	2%	10	10	\$65,837	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	1,360	1,350	-20	-1%	60	70	NA	NA
17-3011	Architectural and Civil Drafters	160	160	0	2%	10	10	\$35,850	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	170	170	0	0%	10	10	NA	Postsecondary vocational training
17-3013	Mechanical Drafters	190	180	0	-2%	10	10	\$35,569	Postsecondary vocational training

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17-3022	Civil Engineering Technicians	60	60	0	2%	0	0	\$31,266	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	220	220	0	0%	10	10	\$47,089	Associate degree
17-3025	Environmental Engineering Technicians	30	30	0	0%	0	0	NA	Associate degree
17-3026	Industrial Engineering Technicians	300	290	-10	-4%	10	10	\$40,919	Associate degree
17-3027	Mechanical Engineering Technicians	130	120	-10	-5%	10	10	\$45,459	Associate degree
17-3031	Surveying and Mapping Technicians	50	50	0	4%	0	10	\$28,279	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	70	70	0	2%	0	0	NA	NA
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>1,230</b>	<b>1,260</b>	<b>40</b>	<b>3%</b>	<b>50</b>	<b>90</b>	<b>\$48,013</b>	<b>NA</b>
19-1000	<i>Life Scientists</i>	120	120	0	3%	0	10	NA	NA
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	NA	NA
19-1042	Medical Scientists, Except Epidemiologists	40	50	0	10%	0	10	NA	Doctoral degree
19-2000	<i>Physical Scientists</i>	290	300	10	3%	10	20	NA	NA
19-2012	Physicists	20	20	0	5%	0	0	NA	Doctoral degree
19-2031	Chemists	140	140	0	2%	10	10	NA	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	110	110	0	4%	0	10	\$52,294	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	380	390	10	3%	20	30	NA	NA
19-3011	Economists	30	30	0	6%	0	0	NA	Bachelor's degree
19-3021	Market Research Analysts	230	240	10	3%	10	20	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	60	60	0	3%	0	0	\$59,116	Master's degree
19-3051	Urban and Regional Planners	30	30	0	0%	0	0	NA	Master's degree
19-3099	Social Scientists and Related Workers, All Other	20	20	0	0%	0	0	NA	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	440	460	10	3%	20	30	NA	NA
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	NA	Associate degree
19-4021	Biological Technicians	120	120	0	3%	0	10	NA	Associate degree
19-4031	Chemical Technicians	170	170	0	2%	10	10	NA	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	50	50	0	6%	0	10	\$30,281	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	70	70	0	3%	0	10	\$39,784	Associate degree
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>2,280</b>	<b>2,390</b>	<b>110</b>	<b>5%</b>	<b>80</b>	<b>190</b>	<b>\$32,793</b>	<b>NA</b>
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	1,930	2,030	100	5%	70	170	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	70	70	0	3%	0	10	\$31,810	Master's degree
21-1012	Educational, Vocational, and School Counselors	260	270	10	3%	10	20	\$42,324	Master's degree
21-1014	Mental Health Counselors	110	110	0	1%	0	10	\$43,001	Master's degree
21-1015	Rehabilitation Counselors	210	220	10	6%	10	20	\$26,519	Master's degree
21-1021	Child, Family, and School Social Workers	280	280	10	3%	10	20	\$30,494	Bachelor's degree
21-1022	Medical and Public Health Social Workers	240	250	10	5%	10	20	\$34,164	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	90	100	0	4%	0	10	\$37,429	Master's degree
21-1091	Health Educators	30	30	0	3%	0	0	\$30,373	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	70	70	0	0%	0	0	NA	Bachelor's degree
21-1093	Social and Human Service Assistants	570	620	50	9%	20	70	\$26,735	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	90	100	0	3%	0	10	NA	NA
21-2011	Clergy	60	60	0	2%	0	0	\$27,656	Master's degree
21-2021	Directors, Religious Activities and Education	30	40	0	6%	0	0	NA	Bachelor's degree
21-9000	<i>Miscellaneous Counselors, Social, &amp; Religious Workers</i>	260	270	10	3%	10	20	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	260	270	10	3%	10	20	NA	NA
<b>23-0000</b>	<b>Legal Occupations</b>	<b>680</b>	<b>700</b>	<b>20</b>	<b>2%</b>	<b>10</b>	<b>30</b>	<b>\$45,161</b>	<b>NA</b>
23-1000	<i>Lawyers, Judges, and Related Workers</i>	350	360	10	3%	10	20	NA	NA
23-1011	Lawyers	300	310	10	4%	10	20	\$63,793	First professional degree
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	NA	Work experience plus bachelor's or higher degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$54,958	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	300	300	10	2%	10	10	NA	NA

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23-2011	Paralegals and Legal Assistants	120	130	10	6%	0	10	\$30,011	Associate degree
23-2091	Court Reporters	20	20	0	-6%	0	0	\$32,093	Postsecondary vocational training
23-2092	Law Clerks	30	30	0	-3%	0	0	\$29,624	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	1%	0	0	\$29,457	Moderate-term on-the-job training
23-9000	Miscellaneous Legal & Related Workers	40	40	0	0%	0	0	NA	NA
23-9099	Legal and Related Workers, All Other (OES Only)	40	40	0	0%	0	0	NA	NA
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>9,680</b>	<b>10,110</b>	<b>430</b>	<b>4%</b>	<b>370</b>	<b>790</b>	<b>\$39,657</b>	<b>NA</b>
25-1000	Postsecondary Teachers	1,210	1,300	90	8%	50	150	NA	NA
25-1011	Business Teachers, Postsecondary	130	140	10	8%	10	20	\$60,414	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	90	90	10	7%	0	10	\$60,363	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	50	60	0	8%	0	10	\$56,544	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	40	50	0	7%	0	10	NA	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	50	50	0	6%	0	10	\$69,951	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	20	20	0	6%	0	0	\$47,823	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	20	20	0	11%	0	0	\$58,291	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	30	40	0	9%	0	0	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	70	70	10	7%	0	10	\$58,329	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	50	50	0	7%	0	10	\$50,432	Master's degree
25-1081	Education Teachers, Postsecondary	120	130	10	8%	10	10	\$46,949	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	5%	0	0	\$47,224	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	100	110	10	8%	0	10	\$51,710	Doctoral degree
25-1122	Communications Teachers, Postsecondary	30	30	0	8%	0	0	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	60	60	0	7%	0	10	\$45,089	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	20	0	10%	0	0	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	20	20	0	10%	0	0	NA	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	0	9%	0	0	\$48,136	Doctoral degree
25-1191	Graduate Teaching Assistants	20	20	0	10%	0	0	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	11%	0	0	NA	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	110	120	10	8%	10	10	\$39,147	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	60	60	0	7%	0	10	NA	Doctoral degree
25-2000	Primary, Secondary, and Special Education School Teachers	5,260	5,440	180	3%	210	390	NA	NA
25-2011	Preschool Teachers, Except Special Education	460	460	10	1%	10	10	\$19,760	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	240	260	10	5%	10	20	\$43,613	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	2,390	2,470	80	3%	90	170	\$45,907	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	550	560	10	2%	20	30	\$43,097	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	6%	0	0	NA	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,130	1,180	40	4%	60	100	\$45,640	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	90	100	0	2%	10	10	\$48,935	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	210	220	10	5%	10	20	NA	Bachelor's degree
25-2042	Special Education Teachers, Middle School	90	100	10	5%	0	10	NA	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	70	80	10	7%	0	10	NA	Bachelor's degree
25-3000	Other Teachers and Instructors	1,050	1,130	80	8%	20	100	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	5%	0	0	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	540	580	50	9%	10	60	NA	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	490	530	30	7%	10	50	NA	NA
25-4000	Librarians, Curators, and Archivists	370	380	10	1%	20	30	NA	NA
25-4021	Librarians	220	220	0	0%	10	10	\$40,041	Master's degree
25-4031	Library Technicians	140	150	0	3%	10	20	NA	Short-term on-the-job training
25-9000	Other Education, Training, and Library Occupations	1,790	1,860	70	4%	60	130	NA	NA
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	0	\$37,412	NA
25-9031	Instructional Coordinators	70	70	0	4%	0	10	\$57,139	Master's degree
25-9041	Teacher Assistants	1,640	1,700	60	4%	60	120	\$17,877	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	60	60	0	3%	0	0	NA	NA
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>2,640</b>	<b>2,670</b>	<b>30</b>	<b>1%</b>	<b>100</b>	<b>150</b>	<b>\$28,957</b>	<b>NA</b>

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
27-1000	Art and Design Workers	830	820	-10	-1%	20	20	NA NA	
27-1011	Art Directors	40	40	0	0%	0	0	\$41,299	Work experience plus bachelor's or higher degree
27-1014	Multi-Media Artists and Animators	30	30	0	4%	0	0	NA	Bachelor's degree
27-1021	Commercial and Industrial Designers	100	90	-10	-5%	0	0	\$46,772	Bachelor's degree
27-1023	Floral Designers	190	190	0	-2%	10	10	\$17,146	Moderate-term on-the-job training
27-1024	Graphic Designers	280	280	0	0%	10	10	\$33,131	Bachelor's degree
27-1025	Interior Designers	50	50	0	-2%	0	0	\$29,654	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	50	60	0	2%	0	0	\$24,585	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	70	70	0	-4%	0	0	NA NA	
27-2000	Entertainers and Performers, Sports and Related Workers	540	560	20	4%	30	50	NA NA	
27-2011	Actors	20	30	0	8%	0	0	NA	Long-term on-the-job training
27-2012	Producers and Directors	50	50	0	4%	0	0	\$36,956	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	230	240	10	3%	10	20	\$23,097	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	30	30	0	3%	0	0	\$21,623	Long-term on-the-job training
27-2032	Choreographers	70	80	0	4%	10	10	\$26,277	Work experience in a related occupation
27-2041	Music Directors and Composers	30	30	0	4%	0	0	NA	Work experience plus bachelor's or higher degree
27-2042	Musicians and Singers	90	90	10	6%	0	10	\$0	Long-term on-the-job training
27-3000	Media and Communication Workers	860	860	10	1%	30	60	NA NA	
27-3010	Announcers	220	210	-10	-5%	10	10	NA NA	
27-3020	News Analysts, Reporters and Correspondents	90	80	0	-3%	0	0	NA NA	
27-3031	Public Relations Specialists	290	310	20	6%	10	30	\$37,011	Bachelor's degree
27-3041	Editors	70	70	0	1%	0	0	\$35,604	Bachelor's degree
27-3042	Technical Writers	30	30	0	0%	0	0	NA	Bachelor's degree
27-3043	Writers and Authors	110	120	0	3%	0	10	\$33,689	Bachelor's degree
27-3099	Media and Communication Workers, All Other	40	40	0	3%	0	0	NA	Long-term on-the-job training
27-4000	Media and Communication Equipment Workers	410	420	10	2%	20	30	NA NA	
27-4012	Broadcast Technicians	90	90	0	-1%	0	0	\$20,232	Postsecondary vocational training
27-4021	Photographers	230	240	10	3%	10	20	\$25,226	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	50	50	0	9%	0	10	\$15,495	Moderate-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>12,450</b>	<b>12,950</b>	<b>500</b>	<b>4%</b>	<b>430</b>	<b>930</b>	<b>\$48,693</b>	<b>NA</b>
29-1000	Health Diagnosing and Treating Practitioners	7,000	7,320	310	4%	250	560	NA NA	
29-1011	Chiropractors	40	40	0	2%	0	0	\$100,711	First professional degree
29-1020	Dentists	80	80	0	-1%	0	0	NA NA	
29-1031	Dietitians and Nutritionists	70	70	0	2%	0	0	\$46,933	Bachelor's degree
29-1041	Optometrists	50	50	0	2%	0	0	\$131,821	First professional degree
29-1051	Pharmacists	420	430	10	2%	20	30	\$81,344	First professional degree
29-1061	Anesthesiologists	30	30	0	4%	0	0	NA	First professional degree
29-1062	Family and General Practitioners	220	220	10	2%	10	10	\$156,936	First professional degree
29-1063	Internists, General	40	40	0	3%	0	0	\$159,494	First professional degree
29-1064	Obstetricians and Gynecologists	40	40	0	3%	0	0	NA	First professional degree
29-1065	Pediatricians, General	20	20	0	7%	0	0	NA	First professional degree
29-1066	Psychiatrists	20	20	0	0%	0	0	\$149,979	First professional degree
29-1067	Surgeons	170	170	10	3%	0	10	NA	First professional degree
29-1069	Physicians and Surgeons, All Other	210	220	0	2%	10	10	\$170,676	NA
29-1071	Physician Assistants	100	110	10	7%	0	10	NA	Bachelor's degree
29-1111	Registered Nurses	4,360	4,580	230	5%	160	390	\$41,885	Associate degree
29-1122	Occupational Therapists	180	190	10	4%	0	10	\$54,758	Bachelor's degree
29-1123	Physical Therapists	290	300	10	4%	0	20	\$57,583	Master's degree
29-1124	Radiation Therapists	50	50	0	6%	0	10	\$76,341	Associate degree
29-1125	Recreational Therapists	80	80	0	0%	0	0	\$27,579	Bachelor's degree
29-1126	Respiratory Therapists	200	210	10	7%	10	30	\$39,779	Associate degree
29-1127	Speech-Language Pathologists	100	100	10	6%	10	10	\$51,377	Master's degree
29-1131	Veterinarians	160	170	10	5%	10	20	\$88,666	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	90	90	0	2%	0	10	NA	First professional degree
29-2000	Health Technologists and Technicians	5,210	5,390	180	3%	170	350	NA NA	

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
29-2011	Medical and Clinical Laboratory Technologists	240	250	10	3%	10	20	\$42,017	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	360	370	10	3%	20	30	\$29,512	Associate degree
29-2021	Dental Hygienists	270	290	20	6%	0	20	\$49,672	Associate degree
29-2031	Cardiovascular Technologists and Technicians	20	20	0	10%	0	0	NA	Associate degree
29-2032	Diagnostic Medical Sonographers	90	100	0	4%	0	10	\$42,273	Associate degree
29-2033	Nuclear Medicine Technologists	20	20	0	14%	0	0	\$47,820	NA
29-2034	Radiologic Technologists and Technicians	460	490	20	5%	20	40	\$39,996	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	380	400	20	4%	10	30	\$25,327	Postsecondary vocational training
29-2051	Dietetic Technicians	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	450	470	10	3%	10	20	\$21,602	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	240	240	0	0%	10	10	\$24,430	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	60	60	0	7%	0	10	\$33,964	Postsecondary vocational training
29-2055	Surgical Technologists	210	230	10	6%	10	20	\$33,659	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	140	150	10	9%	0	20	\$22,769	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,680	1,710	30	2%	70	100	\$31,963	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	350	380	30	8%	10	40	\$22,076	Associate degree
29-2081	Opticians, Dispensing	200	210	0	1%	10	10	\$21,790	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations	110	110	0	1%	0	10	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	100	100	0	0%	0	0	NA	NA
29-9100	Other Health Practitioners And Technical Workers	130	140	10	4%	0	10	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	130	140	10	4%	0	10	NA	NA
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>4,950</b>	<b>5,170</b>	<b>220</b>	<b>4%</b>	<b>150</b>	<b>360</b>	<b>\$22,662</b>	<b>NA</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	3,050	3,170	120	4%	70	190	NA	NA
31-1011	Home Health Aides	750	810	50	7%	20	70	\$19,325	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2,260	2,320	60	3%	50	110	\$20,749	Short-term on-the-job training
31-1013	Psychiatric Aides	40	40	0	5%	0	0	NA	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	390	410	20	5%	10	30	NA	NA
31-2011	Occupational Therapist Assistants	30	30	0	7%	0	0	\$38,261	Associate degree
31-2021	Physical Therapist Assistants	320	340	20	6%	10	30	\$37,651	Associate degree
31-2022	Physical Therapist Aides	40	40	0	3%	0	0	\$17,996	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	1,510	1,590	80	5%	60	140	NA	NA
31-9091	Dental Assistants	390	420	20	6%	20	40	\$26,761	Moderate-term on-the-job training
31-9092	Medical Assistants	420	450	30	8%	20	50	\$23,126	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	50	50	0	4%	0	0	\$22,796	Short-term on-the-job training
31-9094	Medical Transcriptionists	240	250	10	3%	10	20	\$24,536	Postsecondary vocational training
31-9095	Pharmacy Aides	160	160	0	1%	10	10	\$19,594	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	130	130	10	5%	0	10	\$18,778	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	110	110	0	4%	0	10	\$21,978	Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,870</b>	<b>2,920</b>	<b>50</b>	<b>2%</b>	<b>170</b>	<b>230</b>	<b>\$28,229</b>	<b>NA</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	270	270	0	2%	20	20	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	30	0	4%	0	0	\$33,844	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	120	120	0	0%	10	10	\$50,829	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	70	0	1%	10	10	\$42,253	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	50	60	0	4%	0	10	\$35,787	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	320	330	10	2%	20	20	NA	NA
33-2011	Fire Fighters	300	310	10	2%	20	20	NA	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	20	20	0	5%	0	0	NA	Work experience in a related occupation
33-3000	Law Enforcement Workers	1,120	1,150	20	2%	50	70	NA	NA
33-3011	Bailiffs	20	20	0	0%	0	0	\$25,521	NA
33-3012	Correctional Officers and Jailers	350	350	10	2%	10	20	\$27,587	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	80	80	0	1%	0	10	\$48,715	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	670	680	20	2%	30	50	\$32,291	Long-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
33-9000	Other Protective Service Workers	1,160	1,180	20	2%	90	110	NA NA	
33-9021	Private Detectives and Investigators	20	20	0	7%	0	0	NA	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	10%	0	0	NA	Moderate-term on-the-job training
33-9032	Security Guards	880	890	10	1%	40	50	\$21,890	Short-term on-the-job training
33-9091	Crossing Guards	60	60	0	-2%	0	0	\$12,814	NA
33-9099	Protective Service Workers, All Other	170	180	10	3%	40	40	\$26,153	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>18,080</b>	<b>18,460</b>	<b>380</b>	<b>2%</b>	<b>1,760</b>	<b>2,150</b>	<b>\$15,944</b>	<b>NA</b>
35-1000	Supervisors, Food Preparation and Serving Workers	1,430	1,450	20	1%	80	100	NA NA	
35-1011	Chefs and Head Cooks	130	130	0	2%	10	10	\$25,483	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	1,300	1,320	20	1%	70	90	\$24,964	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	5,510	5,580	70	1%	450	540	NA NA	
35-2011	Cooks, Fast Food	1,410	1,390	-20	-1%	110	110	\$14,542	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	900	890	0	0%	70	70	\$18,910	Long-term on-the-job training
35-2014	Cooks, Restaurant	1,500	1,550	60	4%	120	170	\$19,024	Long-term on-the-job training
35-2015	Cooks, Short Order	300	300	0	1%	20	30	\$14,058	Short-term on-the-job training
35-2021	Food Preparation Workers	1,410	1,440	20	2%	130	150	\$15,893	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	9,160	9,400	240	3%	1,060	1,300	NA NA	
35-3011	Bartenders	1,070	1,100	20	2%	80	100	\$15,629	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,980	4,070	80	2%	430	520	\$14,175	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	680	690	10	2%	140	160	\$14,416	Short-term on-the-job training
35-3031	Waiters and Waitresses	3,290	3,420	120	4%	390	510	\$13,886	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	130	130	0	0%	10	10	\$15,544	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	1,970	2,030	50	3%	170	220	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	610	630	20	3%	60	70	\$13,006	Short-term on-the-job training
35-9021	Dishwashers	640	650	10	1%	60	70	\$14,980	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	670	700	30	4%	50	80	\$16,234	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	60	60	0	0%	0	0	NA	Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>6,640</b>	<b>6,760</b>	<b>120</b>	<b>2%</b>	<b>260</b>	<b>380</b>	<b>\$20,666</b>	<b>NA</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	590	600	10	2%	20	30	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	440	450	10	2%	20	30	\$29,333	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	150	150	0	2%	0	10	\$32,384	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	4,840	4,930	90	2%	190	280	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,450	3,540	90	2%	130	220	\$20,506	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1,280	1,280	0	0%	50	50	\$16,070	Short-term on-the-job training
37-2021	Pest Control Workers	110	110	0	2%	0	10	\$28,613	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	1,220	1,240	20	1%	50	70	NA NA	
37-3011	Landscaping and Groundskeeping Workers	1,010	1,030	20	2%	40	60	\$20,035	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	80	0	1%	0	0	NA	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	30	30	0	7%	0	0	NA	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE	110	100	0	-2%	0	0	NA NA	
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>4,450</b>	<b>4,560</b>	<b>110</b>	<b>2%</b>	<b>240</b>	<b>350</b>	<b>\$19,322</b>	<b>NA</b>
39-1000	Supervisors, Personal Care and Service Workers	400	410	20	4%	20	30	NA NA	
39-1011	Gaming Supervisors	100	100	10	6%	0	10	NA	Postsecondary vocational training
39-1012	Slot Key Persons	90	100	10	8%	0	10	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	210	210	0	1%	10	10	\$26,968	Work experience in a related occupation
39-2000	Animal Care and Service Workers	130	130	0	3%	10	10	NA NA	
39-2021	Nonfarm Animal Caretakers	120	120	0	3%	10	10	\$18,997	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	620	660	40	6%	60	100	NA NA	

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
39-3011	Gaming Dealers	220	240	20	9%	20	40	NA	Postsecondary vocational training
39-3021	Motion Picture Projectionists	20	20	0	0%	0	0	\$15,664	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	140	150	10	8%	20	30	\$13,739	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	130	130	0	1%	10	10	\$13,978	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	3%	0	0	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	70	70	0	4%	10	10	NA	NA
39-4000	Funeral Service Workers	90	90	0	3%	0	10	NA	NA
39-4021	Funeral Attendants	90	90	0	3%	0	10	NA	Short-term on-the-job training
39-5000	Personal Appearance Workers	770	760	0	-1%	30	30	NA	NA
39-5011	Barbers	120	120	0	-1%	10	10	NA	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	600	600	0	-1%	20	20	\$21,929	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	30	30	0	0%	0	0	\$24,003	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	70	70	0	-3%	0	0	NA	NA
39-6011	Baggage Porters and Bellhops	60	60	0	-3%	0	0	\$19,491	Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	2,380	2,430	60	2%	110	170	NA	NA
39-9011	Child Care Workers	1,110	1,110	0	0%	70	70	\$15,638	Short-term on-the-job training
39-9021	Personal and Home Care Aides	640	670	40	6%	20	60	\$17,532	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	220	230	10	6%	10	20	\$28,249	Postsecondary vocational training
39-9032	Recreation Workers	250	250	0	0%	10	10	\$19,874	Bachelor's degree
39-9041	Residential Advisors	60	60	0	2%	0	0	NA	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	110	110	0	2%	10	10	NA	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>20,580</b>	<b>20,750</b>	<b>170</b>	<b>1%</b>	<b>1,580</b>	<b>1,770</b>	<b>\$27,742</b>	<b>NA</b>
41-1000	Supervisors, Sales Workers	3,250	3,260	10	0%	110	120	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,510	2,510	10	0%	80	90	\$33,287	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	750	750	10	1%	30	30	\$68,153	Work experience in a related occupation
41-2000	Retail Sales Workers	12,280	12,380	100	1%	1,240	1,350	NA	NA
41-2011	Cashiers	5,250	5,300	50	1%	680	730	\$14,977	Short-term on-the-job training
41-2021	Counter and Rental Clerks	670	690	20	2%	60	80	\$19,024	Short-term on-the-job training
41-2022	Parts Salespersons	610	610	-10	-1%	40	40	\$24,139	Moderate-term on-the-job training
41-2031	Retail Salespersons	5,730	5,770	40	1%	460	500	\$21,553	Short-term on-the-job training
41-3000	Sales Representatives, Services	1,260	1,260	0	0%	50	60	NA	NA
41-3011	Advertising Sales Agents	310	310	0	-1%	10	10	\$45,128	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	650	650	10	1%	30	40	\$59,897	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	240	10	3%	10	10	\$82,853	Bachelor's degree
41-3041	Travel Agents	60	60	-10	-13%	0	0	\$24,681	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	2,680	2,740	50	2%	140	190	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	380	400	10	3%	20	30	\$58,782	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	2,300	2,340	40	2%	120	160	\$44,270	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	1,110	1,120	10	1%	40	50	NA	NA
41-9011	Demonstrators and Product Promoters	70	70	0	2%	0	0	NA	Moderate-term on-the-job training
41-9012	Models	20	20	0	5%	0	0	NA	NA
41-9021	Real Estate Brokers	40	40	0	0%	0	0	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	220	220	0	0%	10	10	\$31,856	Postsecondary vocational training
41-9031	Sales Engineers	80	80	0	1%	0	10	\$63,059	Bachelor's degree
41-9041	Telemarketers	180	180	0	-1%	10	10	\$21,046	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	50	50	0	0%	0	0	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	460	460	10	1%	20	20	\$37,057	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>31,550</b>	<b>31,470</b>	<b>-80</b>	<b>0%</b>	<b>1,490</b>	<b>1,680</b>	<b>\$25,092</b>	<b>NA</b>
43-1000	Supervisors, Office and Administrative Support Workers	2,190	2,200	10	0%	90	90	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Woi	2,190	2,200	10	0%	90	90	\$38,173	Work experience in a related occupation



Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
43-2000	Communications Equipment Operators	340	340	0	0%	20	20	NA NA	
43-2011	Switchboard Operators, Including Answering Service	320	320	0	0%	20	20	\$20,004	Short-term on-the-job training
43-2021	Telephone Operators	20	10	0	-7%	0	0	NA	Short-term on-the-job training
43-3000	Financial Clerks	5,750	5,750	0	0%	280	300	NA NA	
43-3011	Bill and Account Collectors	430	440	10	3%	20	30	\$24,133	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	1,050	1,050	0	0%	30	30	\$24,626	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,780	2,760	-10	0%	100	100	\$24,948	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	100	100	10	7%	10	20	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	390	390	0	0%	20	20	\$27,816	Short-term on-the-job training
43-3061	Procurement Clerks	190	190	0	-2%	10	10	\$28,359	Short-term on-the-job training
43-3071	Tellers	820	820	0	0%	90	100	\$19,231	Short-term on-the-job training
43-4000	Information and Record Clerks	6,490	6,560	70	1%	270	380	NA NA	
43-4011	Brokerage Clerks	50	50	0	-2%	0	0	\$29,279	Moderate-term on-the-job training
43-4021	Correspondence Clerks	30	30	0	3%	0	0	\$29,504	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	110	110	0	1%	0	10	NA	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	80	80	0	-3%	0	0	\$30,968	Short-term on-the-job training
43-4051	Customer Service Representatives	2,150	2,170	20	1%	60	80	\$28,492	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	80	80	0	-5%	0	0	\$25,859	Moderate-term on-the-job training
43-4071	File Clerks	280	270	-10	-2%	20	20	\$19,349	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	150	150	0	1%	20	20	\$18,477	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	140	150	10	5%	10	10	\$22,154	Short-term on-the-job training
43-4121	Library Assistants, Clerical	110	110	0	1%	10	10	\$15,422	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	340	330	-10	-1%	10	10	\$28,208	Short-term on-the-job training
43-4141	New Accounts Clerks	70	70	0	0%	0	0	\$24,626	Work experience in a related occupation
43-4151	Order Clerks	520	500	-20	-4%	20	20	\$23,934	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	220	220	0	0%	10	10	\$29,554	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	1,650	1,720	70	4%	90	150	\$19,401	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	80	80	0	1%	0	10	NA	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	430	440	10	3%	10	20	NA NA	
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	5,740	5,650	-100	-2%	390	410	NA NA	
43-5011	Cargo and Freight Agents	50	40	0	-2%	0	0	\$34,921	Moderate-term on-the-job training
43-5021	Couriers and Messengers	90	90	0	-1%	0	0	\$21,951	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	110	110	0	1%	10	10	\$24,664	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	360	360	10	2%	20	20	\$27,473	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	60	-10	-7%	0	0	\$27,468	NA
43-5051	Postal Service Clerks	120	120	0	0%	10	10	\$41,781	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	520	520	0	0%	30	30	\$42,664	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operatr	200	200	0	-2%	10	10	\$33,817	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	530	530	0	-1%	20	20	\$36,520	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	1,080	1,060	-20	-2%	40	40	\$24,971	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	2,310	2,240	-80	-3%	230	230	\$19,367	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	270	280	10	3%	10	20	\$24,337	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, AI	40	40	0	3%	0	10	NA NA	
43-6000	Secretaries and Administrative Assistants	4,950	4,940	-20	0%	170	190	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	1,780	1,780	0	0%	60	60	\$30,599	Moderate-term on-the-job training
43-6012	Legal Secretaries	350	360	10	3%	10	20	\$26,676	Postsecondary vocational training
43-6013	Medical Secretaries	480	490	10	1%	20	20	\$23,401	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	2,340	2,310	-40	-2%	80	80	\$23,791	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	6,090	6,040	-50	-1%	270	290	NA NA	
43-9011	Computer Operators	250	240	-10	-4%	10	10	\$28,274	Moderate-term on-the-job training
43-9021	Data Entry Keyers	370	350	-20	-5%	20	20	\$21,252	Moderate-term on-the-job training
43-9022	Word Processors and Typists	300	280	-30	-9%	10	10	NA	Moderate-term on-the-job training
43-9031	Desktop Publishers	20	20	0	0%	0	0	\$27,753	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	190	180	-10	-3%	10	10	NA	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	80	0	0%	10	10	\$21,879	Short-term on-the-job training
43-9061	Office Clerks, General	4,560	4,590	20	1%	200	230	\$19,138	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
43-9071	Office Machine Operators, Except Computer	90	80	0	-5%	0	0	\$21,038	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	30	30	0	0%	0	0	NA	Short-term on-the-job training
43-9111	Statistical Assistants	40	40	0	-3%	0	0	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	170	170	0	-2%	10	10	NA	NA
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>810</b>	<b>810</b>	<b>0</b>	<b>0%</b>	<b>50</b>	<b>60</b>	<b>\$21,853</b>	<b>NA</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	30	40	0	3%	0	0	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Work	30	40	0	3%	0	0	\$48,720	Work experience in a related occupation
45-2000	Agricultural Workers	660	660	0	0%	40	50	NA	NA
45-2041	Graders and Sorters, Agricultural Products	40	40	0	-3%	0	0	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	70	70	0	-4%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	400	400	0	-1%	30	30	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	140	150	0	3%	10	10	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	70	70	0	1%	0	0	NA	NA
45-4021	Fallers	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	30	30	0	3%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	50	50	0	2%	0	0	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	50	50	0	2%	0	0	NA	NA
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>12,920</b>	<b>13,050</b>	<b>140</b>	<b>1%</b>	<b>510</b>	<b>670</b>	<b>\$38,912</b>	<b>NA</b>
47-1000	Supervisors, Construction and Extraction Workers	1,070	1,080	10	1%	30	40	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	1,070	1,080	10	1%	30	40	\$54,062	Work experience in a related occupation
47-2000	Construction Trades Workers	10,470	10,590	130	1%	400	530	NA	NA
47-2011	Boilermakers	240	230	0	-1%	20	20	NA	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	240	240	0	2%	10	10	\$45,846	Long-term on-the-job training
47-2022	Stonemasons	100	100	0	2%	0	10	NA	Long-term on-the-job training
47-2031	Carpenters	1,250	1,270	20	1%	40	50	\$31,707	Long-term on-the-job training
47-2041	Carpet Installers	160	160	0	1%	0	10	\$28,417	Moderate-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	280	290	10	4%	10	20	\$34,291	Long-term on-the-job training
47-2061	Construction Laborers	1,310	1,330	20	1%	30	50	\$30,936	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	90	100	0	3%	0	10	\$36,817	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	930	930	0	0%	50	50	\$42,805	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	60	70	0	2%	0	0	\$42,139	Moderate-term on-the-job training
47-2082	Tapers	20	20	0	0%	0	0	\$44,333	Moderate-term on-the-job training
47-2111	Electricians	1,430	1,460	20	2%	50	80	\$49,275	Long-term on-the-job training
47-2121	Glaziers	140	140	0	0%	10	10	NA	Long-term on-the-job training
47-2130	Insulation Workers	170	180	0	1%	10	10	NA	NA
47-2141	Painters, Construction and Maintenance	630	630	0	0%	20	20	\$31,427	Moderate-term on-the-job training
47-2151	Pipelayers	40	40	0	0%	0	0	NA	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	1,490	1,490	10	0%	70	70	\$49,321	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	40	40	0	0%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	950	980	30	4%	40	80	NA	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	630	640	10	1%	30	40	\$41,406	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	220	220	0	0%	10	10	\$48,851	Long-term on-the-job training
47-3000	Helpers, Construction Trades	590	600	0	1%	50	60	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	180	180	0	-1%	20	20	\$26,312	Short-term on-the-job training
47-3012	Helpers--Carpenters	160	170	10	4%	10	20	\$23,814	Short-term on-the-job training
47-3013	Helpers--Electricians	90	90	0	0%	10	10	\$21,516	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	100	100	0	-1%	10	10	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	40	40	0	0%	0	0	\$17,611	Short-term on-the-job training
47-4000	Other Construction and Related Workers	320	330	0	1%	10	20	NA	NA
47-4011	Construction and Building Inspectors	80	80	0	2%	0	10	\$37,793	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	40	40	0	0%	0	0	NA	Long-term on-the-job training
47-4051	Highway Maintenance Workers	150	150	0	0%	0	0	\$21,384	Moderate-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	30	0	0%	0	0	\$31,611	Moderate-term on-the-job training
47-4900	<i>All Other Construction Trades and Related Workers</i>	230	230	0	2%	10	10	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	230	230	0	2%	10	10	NA NA	
47-5000	<i>Extraction Workers</i>	240	230	-10	-5%	20	20	NA NA	
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	80	-10	-6%	10	10	\$39,519	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	30	30	0	-6%	0	0	NA NA	
47-5061	Roof Bolters, Mining	30	30	0	-3%	0	0	NA NA	
47-5081	Helpers--Extraction Workers	20	20	0	5%	0	0	\$33,668	Short-term on-the-job training
47-5099	Extraction Workers, All Other	40	40	0	-7%	0	0	NA NA	
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>11,050</b>	<b>11,100</b>	<b>50</b>	<b>0%</b>	<b>480</b>	<b>590</b>	<b>\$36,779</b>	<b>NA</b>
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	1,100	1,100	10	1%	50	60	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,100	1,100	10	1%	50	60	\$50,314	Work experience in a related occupation
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	880	870	-10	-1%	30	30	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	250	0	1%	10	10	\$31,081	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	70	60	-10	-12%	0	0	\$47,539	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	120	120	0	-1%	10	10	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	80	80	0	-1%	0	0	\$35,021	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	0	-4%	0	0	\$53,797	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	2%	0	0	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	100	90	0	-1%	0	0	\$25,371	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	0	0	\$35,847	Postsecondary vocational training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers,	80	80	0	1%	0	0	NA NA	
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	3,290	3,350	60	2%	170	230	NA NA	
49-3011	Aircraft Mechanics and Service Technicians	50	50	0	4%	0	0	\$38,443	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	320	330	10	2%	10	20	\$32,263	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	20	20	0	0%	0	0	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,380	1,400	30	2%	70	100	\$31,290	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	520	540	20	3%	30	40	\$32,392	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	250	260	10	3%	10	20	\$33,746	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	290	290	0	-1%	10	10	\$36,611	Postsecondary vocational training
49-3051	Motorboat Mechanics	20	20	0	4%	0	0	\$35,217	Long-term on-the-job training
49-3052	Motorcycle Mechanics	30	30	0	7%	0	0	\$33,604	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	60	0	-5%	0	0	\$23,949	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	210	210	0	-1%	20	20	\$20,628	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All O	120	120	0	3%	10	10	NA NA	
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	5,780	5,780	0	0%	230	270	NA NA	
49-9011	Mechanical Door Repairers	20	20	0	6%	0	0	NA	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	330	310	-20	-7%	20	20	\$43,662	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	160	10	3%	0	10	\$37,650	Long-term on-the-job training
49-9031	Home Appliance Repairers	110	120	0	2%	10	10	\$25,353	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	550	560	10	2%	20	30	\$41,355	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,040	3,050	10	0%	110	110	\$33,837	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	150	150	0	-1%	10	10	\$36,401	Long-term on-the-job training
49-9044	Millwrights	50	50	0	-2%	0	0	NA	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	330	330	0	0%	10	10	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	200	190	-10	-4%	10	10	\$51,536	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	80	70	0	-1%	0	0	\$43,378	Long-term on-the-job training
49-9062	Medical Equipment Repairers	20	20	0	13%	0	0	\$35,622	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	0	0	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	80	0	-1%	0	0	\$26,764	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	0	0	\$21,822	Moderate-term on-the-job training
49-9096	Riggers	20	20	0	0%	0	0	NA	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	280	280	10	2%	20	30	\$24,204	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	300	300	0	1%	10	20	\$37,867	Long-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
<b>51-0000</b>	<b>Production Occupations</b>	<b>31,850</b>	<b>30,620</b>	<b>-1,220</b>	<b>-4%</b>	<b>1,530</b>	<b>1,600</b>	<b>\$29,126 NA</b>	
51-1000	Supervisors, Production Workers	1,980	1,950	-40	-2%	80	80	NA NA	
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,980	1,950	-40	-2%	80	80	\$45,575	Work experience in a related occupation
51-2000	Assemblers and Fabricators	6,750	6,540	-210	-3%	340	340	NA NA	
51-2021	Coil Winders, Tapers, and Finishers	50	40	-10	-17%	0	0	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	560	440	-130	-22%	30	30	\$24,533	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	20	20	0	-15%	0	0	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	30	30	0	-3%	0	0	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	290	270	-10	-5%	10	10	\$29,321	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	5,110	5,050	-60	-1%	260	260	\$26,293	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	660	660	0	0%	30	40	NA	Moderate-term on-the-job training
51-3000	Food Processing Workers	1,000	1,010	0	0%	50	50	NA NA	
51-3011	Bakers	350	350	0	0%	20	20	\$19,510	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	160	150	-10	-4%	10	10	\$24,961	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	200	200	0	1%	10	10	NA	Short-term on-the-job training
51-3023	Slaughtering and Meat Packers	70	70	0	1%	0	0	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	120	120	0	2%	10	10	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	100	100	0	1%	0	10	NA	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	6,740	6,480	-260	-4%	320	340	NA NA	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	320	290	-40	-12%	10	10	\$29,707	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	80	80	0	-1%	0	0	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	490	490	0	0%	30	30	\$30,321	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	-10	-8%	0	0	NA	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	4%	0	10	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	450	440	-10	-2%	20	20	\$25,234	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	950	910	-40	-4%	50	50	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	260	240	-20	-6%	10	10	NA	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	110	110	0	1%	0	10	\$34,171	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	-6%	0	0	NA	Moderate-term on-the-job training
51-4041	Machinists	600	590	-10	-2%	30	30	\$33,680	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	-4%	0	0	NA	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	60	60	0	-3%	0	0	NA	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	40	30	-10	-14%	0	0	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	220	210	-20	-8%	10	10	\$35,455	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	760	750	-20	-2%	40	40	\$29,503	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	370	320	-50	-13%	20	20	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	330	300	-30	-10%	10	10	\$36,346	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	750	730	-20	-3%	40	40	\$31,061	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	150	150	0	-3%	10	10	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	30	30	0	-9%	0	0	NA	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	30	30	0	0%	0	0	\$30,552	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	-6%	0	0	\$22,645	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	410	430	20	4%	20	30	NA	Moderate-term on-the-job training
51-5000	Printing Workers	520	500	-20	-4%	20	20	NA NA	
51-5011	Bindery Workers	60	50	0	-7%	0	0	\$20,353	Moderate-term on-the-job training
51-5021	Job Printers	130	120	0	-3%	10	10	\$25,144	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	70	70	0	-6%	0	0	\$31,995	Long-term on-the-job training
51-5023	Printing Machine Operators	260	250	-10	-3%	10	10	\$34,148	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	1,350	1,300	-50	-4%	60	60	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	460	450	-10	-2%	30	30	\$16,593	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	110	100	-10	-5%	0	0	\$18,164	Short-term on-the-job training
51-6031	Sewing Machine Operators	180	190	0	1%	0	10	\$20,178	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	-7%	0	0	\$22,256	Work experience in a related occupation

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	-4%	0	0	NA	Long-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthet	350	330	-20	-5%	10	10	NA	Moderate-term on-the-job training
51-6093	Upholsterers	160	150	-20	-10%	10	10	\$27,746	Long-term on-the-job training
51-7000	Woodworkers	2,570	2,400	-170	-7%	130	130	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	1,010	950	-60	-6%	50	50	\$26,311	Long-term on-the-job training
51-7021	Furniture Finishers	350	320	-30	-9%	10	10	\$23,466	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	260	240	-20	-6%	20	20	\$26,335	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	760	710	-50	-7%	40	40	\$25,187	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	190	180	-10	-6%	10	10	\$18,132	Moderate-term on-the-job training
51-8000	Plant and System Operators	870	850	-20	-3%	50	50	NA	NA
51-8013	Power Plant Operators	390	370	-20	-4%	20	20	\$54,148	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	90	90	0	1%	0	0	\$37,870	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	200	200	0	0%	10	20	\$31,378	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	30	30	0	-6%	0	0	NA	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	100	90	-10	-5%	10	10	\$51,493	NA
51-8099	Plant and System Operators, All Other	40	40	0	0%	0	0	\$40,194	Long-term on-the-job training
51-9000	Other Production Occupations	10,060	9,600	-460	-5%	490	520	NA	NA
51-9011	Chemical Equipment Operators and Tenders	40	40	0	-3%	0	0	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	30	30	0	-9%	0	0	\$32,748	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	180	170	-10	-7%	10	10	\$31,291	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	260	250	-10	-4%	10	10	\$23,640	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	300	300	0	0%	20	20	NA	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	70	70	0	0%	0	0	\$21,731	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	180	170	-10	-5%	10	10	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	490	450	-40	-8%	30	30	NA	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	490	480	-20	-3%	20	20	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,540	1,440	-90	-6%	70	70	\$29,869	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	50	50	0	0%	0	0	\$32,649	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	30	30	0	4%	0	0	\$29,656	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	30	30	0	-4%	0	0	NA	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,210	1,210	0	0%	50	50	\$26,025	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	680	650	-30	-5%	40	40	\$25,302	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	60	60	0	5%	0	10	\$37,497	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	80	80	0	-4%	0	0	\$23,369	Short-term on-the-job training
51-9131	Photographic Process Workers	70	70	0	-3%	0	0	\$23,296	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	150	140	-10	-8%	10	10	NA	Short-term on-the-job training
51-9141	Semiconductor Processors	210	190	-10	-6%	10	10	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	90	80	0	-3%	10	10	\$24,454	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	-3%	0	0	NA	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30	30	0	-7%	0	0	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	290	-20	-7%	10	10	\$30,155	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2,430	2,220	-210	-9%	140	140	\$23,684	Short-term on-the-job training
51-9199	Production Workers, All Other	1,010	1,040	30	3%	50	80	\$43,145	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	18,060	18,190	120	1%	820	1,060	\$26,499	NA
53-1000	Supervisors, Transportation and Material Moving Workers	900	900	-10	-1%	40	40	NA	NA
53-1011	Aircraft Cargo Handling Supervisors	30	30	0	10%	0	0	\$25,190	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	340	330	-10	-3%	20	20	\$43,239	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	540	540	0	0%	20	20	\$38,234	Work experience in a related occupation
53-2000	Air Transportation Workers	160	170	10	9%	10	20	NA	NA
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	120	10	7%	10	10	NA	Bachelor's degree
53-2021	Air Traffic Controllers	20	30	0	4%	0	0	NA	Long-term on-the-job training
53-2099	Air Transportation Workers, All Other (OES Only)	20	20	0	27%	0	10	NA	NA
53-3000	Motor Vehicle Operators	7,730	7,920	190	2%	220	410	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	40	40	0	3%	0	0	\$20,088	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	160	160	0	-1%	10	10	\$20,046	Moderate-term on-the-job training

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53-3022	Bus Drivers, School	830	850	20	2%	30	50	\$23,487	Short-term on-the-job training
53-3031	Driver/Sales Workers	560	560	0	-1%	20	20	\$23,918	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,360	4,480	120	3%	130	250	\$31,810	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	1,350	1,390	30	3%	20	60	\$23,066	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	280	290	10	4%	0	20	\$15,794	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	150	160	10	9%	0	20	NA	Short-term on-the-job training
53-5000	Water Transportation Workers	130	140	0	2%	10	10	NA	NA
53-5011	Sailors and Marine Oilers	70	80	0	6%	10	10	NA	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	30	30	0	-4%	0	0	\$46,243	Work experience in a related occupation
53-5022	Motorboat Operators	20	20	0	-4%	0	0	NA	NA
53-6000	Other Transportation Workers	240	240	0	0%	20	20	NA	NA
53-6021	Parking Lot Attendants	40	40	0	0%	0	0	NA	Short-term on-the-job training
53-6031	Service Station Attendants	170	170	0	1%	20	20	\$16,263	Short-term on-the-job training
53-7000	Material Moving Workers	8,890	8,810	-80	-1%	530	550	NA	NA
53-7011	Conveyor Operators and Tenders	160	160	0	-1%	10	10	\$33,493	Short-term on-the-job training
53-7021	Crane and Tower Operators	70	70	0	0%	0	0	\$38,904	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	170	170	0	-2%	10	10	\$41,557	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	50	50	0	-4%	0	0	NA	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,490	1,450	-40	-3%	50	50	\$28,474	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	660	660	10	1%	50	60	\$18,964	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,770	3,720	-50	-1%	280	280	\$21,665	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	810	810	10	1%	50	50	\$24,155	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,480	1,490	10	1%	60	70	\$22,133	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	60	60	0	0%	0	0	NA	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	110	110	0	1%	10	10	\$27,644	Short-term on-the-job training
53-7111	Shuttle Car Operators	30	20	0	-11%	0	0	NA	NA

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
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Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.